

# Gracjan Michlewski

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

3,356  
citations

201674

27  
h-index

315739

38  
g-index

42  
all docs

42  
docs citations

42  
times ranked

5101  
citing authors

#	ARTICLE	IF	CITATIONS
1	Post-transcriptional control of miRNA biogenesis. <i>Rna</i> , 2019, 25, 1-16.	3.5	390
2	Posttranscriptional Regulation of miRNAs Harboring Conserved Terminal Loops. <i>Molecular Cell</i> , 2008, 32, 383-393.	9.7	316
3	Antagonistic role of hnRNP A1 and KSRP in the regulation of let-7a biogenesis. <i>Nature Structural and Molecular Biology</i> , 2010, 17, 1011-1018.	8.2	241
4	The Splicing Factor SF2/ASF Regulates Translation Initiation by Enhancing Phosphorylation of 4E-BP1. <i>Molecular Cell</i> , 2008, 30, 179-189.	9.7	233
5	DGCR8 HITS-CLIP reveals novel functions for the Microprocessor. <i>Nature Structural and Molecular Biology</i> , 2012, 19, 760-766.	8.2	200
6	RNA structure of trinucleotide repeats associated with human neurological diseases. <i>Nucleic Acids Research</i> , 2003, 31, 5469-5482.	14.5	191
7	Editing independent effects of ADARs on the miRNA/siRNA pathways. <i>EMBO Journal</i> , 2009, 28, 3145-3156.	7.8	161
8	Regulation of pri-miRNA Processing by a Long Noncoding RNA Transcribed from an Ultraconserved Region. <i>Molecular Cell</i> , 2014, 55, 138-147.	9.7	137
9	System-wide Profiling of RNA-Binding Proteins Uncovers Key Regulators of Virus Infection. <i>Molecular Cell</i> , 2019, 74, 196-211.e11.	9.7	137
10	Tissue-specific control of brain-enriched miR-7 biogenesis. <i>Genes and Development</i> , 2013, 27, 24-38.	5.9	131
11	RNA-binding activity of TRIM25 is mediated by its PRY/SPRY domain and is required for ubiquitination. <i>BMC Biology</i> , 2017, 15, 105.	3.8	125
12	Structural Diversity of Triplet Repeat RNAs. <i>Journal of Biological Chemistry</i> , 2010, 285, 12755-12764.	3.4	110
13	Loss of 5-methylcytosine alters the biogenesis of vault-derived small RNAs to coordinate epidermal differentiation. <i>Nature Communications</i> , 2019, 10, 2550.	12.8	81
14	Trim25 Is an RNA-Specific Activator of Lin28a/TuT4-Mediated Uridylation. <i>Cell Reports</i> , 2014, 9, 1265-1272.	6.4	80
15	Structural basis for terminal loop recognition and stimulation of pri-miRNA-18a processing by hnRNP A1. <i>Nature Communications</i> , 2018, 9, 2479.	12.8	80
16	miRNAs in development and pathogenesis of the nervous system. <i>Biochemical Society Transactions</i> , 2013, 41, 815-820.	3.4	76
17	Molecular Architecture of CAG Repeats in Human Disease Related Transcripts. <i>Journal of Molecular Biology</i> , 2004, 340, 665-679.	4.2	72
18	Structures of trinucleotide repeats in human transcripts and their functional implications. <i>Nucleic Acids Research</i> , 2003, 31, 5463-5468.	14.5	71

#	ARTICLE	IF	CITATIONS
19	Lin28a regulates neuronal differentiation and controls miR-9 production. <i>Nature Communications</i> , 2014, 5, 3687.	12.8	57
20	An Aptamer Targeting the Apical Loop Domain Modulates pri-miRNA Processing. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 4674-4677.	13.8	49
21	RNase-assisted RNA chromatography. <i>Rna</i> , 2010, 16, 1673-1678.	3.5	44
22	The role of Trim25 in development, disease and RNA metabolism. <i>Biochemical Society Transactions</i> , 2016, 44, 1045-1050.	3.4	40
23	Stimulation of pri-miR-18a Processing by hnRNP A1. <i>Advances in Experimental Medicine and Biology</i> , 2010, 700, 28-35.	1.6	38
24	PaperClip: rapid multi-part DNA assembly from existing libraries. <i>Nucleic Acids Research</i> , 2014, 42, e154-e154.	14.5	38
25	TRIM25 and its emerging RNA-binding roles in antiviral defense. <i>Wiley Interdisciplinary Reviews RNA</i> , 2020, 11, e1588.	6.4	37
26	Lin28a uses distinct mechanisms of binding to RNA and affects miRNA levels positively and negatively. <i>Rna</i> , 2017, 23, 317-332.	3.5	36
27	Terminal loop-mediated control of microRNA biogenesis. <i>Biochemical Society Transactions</i> , 2012, 40, 789-793.	3.4	30
28	Hormonal Regulation of MicroRNA Biogenesis. <i>Molecular Cell</i> , 2009, 36, 172-173.	9.7	28
29	Posttranscriptional Regulation of 14q32 MicroRNAs by the CIRBP and HADHB during Vascular Regeneration after Ischemia. <i>Molecular Therapy - Nucleic Acids</i> , 2019, 14, 329-338.	5.1	24
30	RNA-Targeted Therapies and High-Throughput Screening Methods. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2996.	4.1	24
31	Oleic Acid Induces MiR-7 Processing through Remodeling of Pri-MiR-7/Protein Complex. <i>Journal of Molecular Biology</i> , 2017, 429, 1638-1649.	4.2	19
32	Quantitative identification of proteins that influence miRNA biogenesis by RNA pull-down-SILAC mass spectrometry (RP-SMS). <i>Methods</i> , 2019, 152, 12-17.	3.8	11
33	TRIM25 inhibits influenza A virus infection, destabilizes viral mRNA, but is redundant for activating the RIG-I pathway. <i>Nucleic Acids Research</i> , 2022, 50, 7097-7114.	14.5	11
34	Trinucleotide repeat system for sequence specificity analysis of RNA structure probing reagents. <i>Analytical Biochemistry</i> , 2010, 402, 40-46.	2.4	8
35	Use of mariner transposases for one-step delivery and integration of DNA in prokaryotes and eukaryotes by transfection. <i>Nucleic Acids Research</i> , 2017, 45, e89-e89.	14.5	8
36	Pathogenesis of spinocerebellar ataxias viewed from the RNA perspective. <i>Cerebellum</i> , 2005, 4, 19-24.	2.5	7

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37	RNA pull-down confocal nanoscanning (RP-CONA) detects quercetin as pri-miR-7/HuR interaction inhibitor that decreases $\alpha$ -synuclein levels. Nucleic Acids Research, 2021, 49, 6456-6473.	14.5	7